

Appl. No.: (not yet assigned)

(U.S. National Stage of PCT/JP03/10276)

Preliminary Amdt. Dated February 24, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in this application.

1. (Currently Amended) A portable ophthalmic apparatus comprising:

a supporting part which attaches detachably to a portable device having a photographing camera part on a photographing optical axis; and

a main body which is arranged integrally with said supporting part and which ~~has~~ comprises an illumination optical system for radiating an illumination beam toward photographing objective eyes along an illumination optical axis intersected at a predetermined angle with said photographing optical axis.

2. (Original) A portable ophthalmic apparatus according to claim 1, wherein an illumination condition of said illumination optical system is changeable.

3. (Currently Amended) A portable ophthalmic apparatus according to claim 2, wherein said portable device is a personal digital ~~assistance~~ assistant having a telecommunication function part.

4. (Currently Amended) A portable ophthalmic apparatus according to claim 1 ~~or 2~~, wherein ~~said~~ an illuminating condition ~~is depended on~~ depends upon an angle formed ~~from~~ by

said photographing optical axis and said illumination optical axis, and a shape or volume of said illumination beam.

5. (Currently Amended) A portable ophthalmic apparatus according to claim 1-~~or 2~~, wherein said main body ~~has~~ comprises a photographing assistant optical system which is configured in such a manner that a ~~photographical~~ photographic condition of the photographing assistant optical system is changeable in accordance with changing of ~~said illumination condition~~ conditions.

6. (Currently Amended) A portable ophthalmic apparatus according to claim 5, wherein said photographing assistant optical system ~~has~~ comprises a zoom lens or an auxiliary lens, and wherein the auxiliary lens is set and position of zoom of the zoom lens is changeable in accordance with the ~~photographing condition~~ photographic conditions.

7. (Currently Amended) A portable ophthalmic apparatus according to claim 1, wherein said main body ~~is equipped with~~ comprises optical units of different structures which are replaceable.

8. (Currently Amended) A portable ophthalmic apparatus according to claim 1 ~~or 2~~, wherein said illumination optical system ~~has~~ comprises a slit opening stop and wherein, by projecting a slit illumination beam toward said photographing objective eyes, sectional shapes of a cornea and a crystal lens are photographed.

9. (Currently Amended) A portable ophthalmic apparatus according to claim 1-~~or 2~~, wherein said main body ~~has~~ comprises a photographing assistant optical system for photographing an eye ground of the photographing objective eyes, and wherein said illumination optical system is adapted to change an angle which forms between said photographing optical axis and the illumination optical system.

10. (Currently Amended) A portable ophthalmic apparatus according to claim 1 ~~or 2~~, wherein said main body ~~has~~ comprises a concentric placido-disc illumination optical system and ~~the wherein a~~ cornea of each of said photographing objective eyes is ring-illuminated.

11. (Currently Amended) A portable ophthalmic apparatus according to claim 1, wherein said supporting part ~~has~~ comprises a pair of legs which are movable to approach and move away or extend and contract with respect to each other.

12. (Original) A portable ophthalmic apparatus according to claim 1, wherein said supporting part is slidable relative to said main body.

13. (Currently Amended) An ophthalmic system comprising the portable ophthalmic apparatus according to claim 1, wherein the portable device ~~according to any one of claims 1 to 10~~ has a command function which processes graphic data of the photographing objective eyes ~~in~~ a at an end destination.

14. (Currently Amended) An ophthalmic system according to claim 13, wherein the portable device ~~according to any one of claims 1 to 10~~ is adapted to ~~be transmittable~~ transmit one or more of the group consisting of literal data, or symbol data, and as well as said graphic data.

15. (New) A portable ophthalmic apparatus according to claim 2, wherein an illuminating condition depends upon an angle formed by said photographing optical axis and said illumination optical axis, and a shape or volume of said illumination beam.

16. (New) A portable ophthalmic apparatus according to claim 2, wherein said main body comprises a photographing assistant optical system which is configured in such a manner that a photographic condition of the photographing assistant optical system is changeable in accordance with changing of illumination conditions.

17. (New) A portable ophthalmic apparatus according to claim 16, wherein said photographing assistant optical system comprises a zoom lens or an auxiliary lens, and wherein

the auxiliary lens is set and position of zoom of the zoom lens is changeable in accordance with the photographic conditions.

18. (New) A portable ophthalmic apparatus according to claim 2, wherein said illumination optical system comprises a slit opening stop and wherein, by projecting a slit illumination beam toward said photographing objective eyes, sectional shapes of a cornea and a crystal lens are photographed.

19. (New) A portable ophthalmic apparatus according to claim 2, wherein said main body comprises a photographing assistant optical system for photographing an eye ground of the photographing objective eyes, and wherein said illumination optical system is adapted to change an angle which forms between said photographing optical axis and the illumination optical system.

20. (New) A portable ophthalmic apparatus according to claim 2, wherein said main body comprises a concentric placido-disc illumination optical system and wherein a cornea of each of said photographing objective eyes is ring-illuminated.